

Power Cost Memorandum Fuel Cost Update

Date: August 16, 2021

Utility Name (Cert. No.) Arctic Village Electric (747)	Utility File No. PC65-0116RR	Date Filed: June 25, 2021
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PCE AMOUNT SUMMARY	Previously Approved PC65-0116QQ	Staff Recommended Amount(s) and Effective Date PC65-0116RR
Class Rate	<u>Date Approved:</u> August 6, 2021	August 6, 2021
Residential	\$0.00	\$0.7597
Community Facilities	\$0.00	\$0.7597
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ <u>5.5371</u>	New Fuel Purchase Price: \$ <u>5.5371</u>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: <u>n/a</u>	Surcharge Change: Previous <u>n/a</u> Updated <u>n/a</u>

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-Hand before Deliv,	500	X	5.5371	=	\$2,769
Delivered	-	X		=	0
	<u>500</u>				<u>\$2,769</u>
					Weighted Average \$ 5.5371

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 8/16/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		RMP		
Kurber		KKI		
Scott		AGS		
Sullivan		DS		
Wilson	8/17/2021	<u>Qua</u>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Arctic Village Electric

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING September 30, 2015
Fuel Cost Update

		PC65-0116QQ	PC65-0116RR	
		Prior Commission Approval	Utility Request	Staff Recommended
A.	Total kWh Generated	*226,173	*226,173	*226,173
B.	Total kWh Sold (Appendix 2)	330,401	330,401	330,401
C.	Total Non-Fuel Costs (Appendix 2)	121,966	121,966	121,966
D.	Non-Fuel Cost/kWh (C / B)	\$0.3691	\$0.3691	\$0.3691
E.	Total Fuel Costs (Appendix 2)	257,841	257,841	257,841
F.	Fuel Costs/kWh (E / B)	\$0.7804	\$0.7804	\$0.7804
G.	Eligible Costs/kWh (D + F)	\$1.1494	\$1.1494	\$1.1494
H.	Eligible Cost/kWh (G) less base rate in effect	\$0.9491	\$0.9491	\$0.9491
I.	Lesser of (H) or 79.97 cents/kWh	\$0.7997	\$0.7997	\$0.7997
J.	Average Class Rates (Appendix 3)			
	Residential	\$0.7997	\$0.7997	\$0.7997
	Community Facilities	\$0.7997	\$0.7997	\$0.7997
Class Power Cost Equalization Per kwh Payable				
K.	Lesser of: (I) x 95% or (J)			
	Residential	\$0.7597	\$0.7597	\$0.7597
	Community Facilities	\$0.7597	\$0.7597	\$0.7597
L.	Funding Level in Effect	0%	100%	100%
	Residential	\$0.0000	\$0.7597	\$0.7597
	Community Facilities	\$0.0000	\$0.7597	\$0.7597

* kWh Generated was missing for November 2014 through March 2015.

Order U-21-019(5) vacates Order U-21-019(3) and Order U-21-019(4) which made the PCE amount 00.00.

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Appendix 1

Arctic Village Electric

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR TEST PERIOD ENDING September 30, 2015
Fuel Cost Update

		PC65-0116QQ	PC65-0116RR	
		Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:				
A.	Personnel Costs	69,569	69,569	69,569
B.	Operating Expenses	8,774	8,774	8,774
C.	General & Administrative	31,032	31,032	31,032
D.	Depreciation & Amortization	10,282	10,282	10,282
E.	Interest Expense	2,309	2,309	2,309
F.	Other (Describe)	0	0	0
G.	Total Non-Fuel Costs	\$121,966	\$121,966	\$121,966
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	46,566	46,566	46,566
I.	Price of Fuel:(per gallon) Weighted Average	\$5.5371	\$5.5371	\$5.5371
J.	Total Fuel Costs (lx H)	\$257,841	\$257,841	\$257,841
K.	kWh Generated	*226,173	*226,173	*226,173
L.	kWh Sales	330,401	330,401	330,401
M.	kWh Station Service	Not Reported	Not Reported	Not Reported
N.	Efficiency (kWh generated /gallons consumed)	≥	11.5	Standard
O.	Line Loss (kWh Generated -(kWh Sold + Station Service))/ kWh Generated	≤	12%	

* kWh Generated was missing for November 2014 through March 2015.

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Appendix 2

Arctic Village Electric

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 /kWh
500	1.0000	0.0000	1.0000	500.00	1.0000	0.7997
500				500.00	1.0000	0.7997
TOTAL (A)						(E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 /kWh
500		0.0000	0.0000	0.00	0.0000	
500				0.00	0.0000	
TOTAL (A)						(E)

Computation of Community Facilities Average Rate

Rate Schedule: Community Facilities

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2003 /kWh
0 to ∞	1.0000	0.0000	1.0000	0.7997
Next to				
Next to				
Next to				
Next to				

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